

# Converting Colors

Hex(64611E)

Have a look what the booklet for  
Hex(64611E) contains.

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# Color

**Hex(64611E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64611E
RGB	100, 97, 30
RGB Percent	39%, 38%, 12%
CMY	0.6078, 0.6196, 0.8824
CMYK	0.00, 0.03, 0.70, 0.61
HSL	57°, 54%, 25%
HSV	57°, 70%, 39%
XYZ	9.7646, 11.3525, 2.9049
YIQ	90.2590, 23.2950, -20.2010

# Conversions

## Conversions Part 2

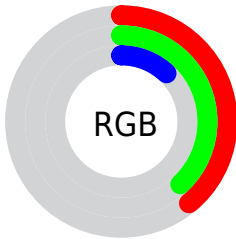
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 100, 30
Decimal	6578462
CIE <sub>Lab</sub>	40.17, -7.93, 37.08
CIE <sub>LCh</sub>	40, 37.918, 102.068
Yxy	11.3525, 0.4065, 0.4726
Android (android.graphics.Color)	4284768542 (0xFF64611E)
YUV	90.2590, -29.7077, 8.5429
Hunter-Lab	33.6934, -7.2330, 18.4737

# Details

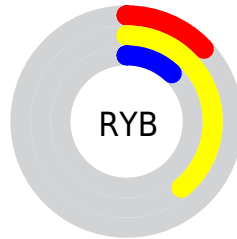
The Hex color **64611E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1E2164**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **99934E**, and **333300** is the 20% darker color. If you saturate the color by 10%, you get **646114**, and if you desaturate by 10%, it is **646128**.

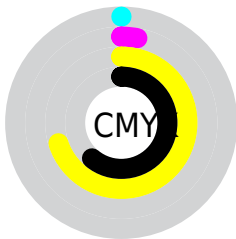
# Distribution



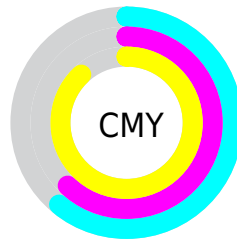
- Red (39%)
- Green (38%)
- Blue (12%)



- Red (13%)
- Yellow (39%)
- Blue (12%)



- Cyan (0%)
- Magenta (3%)
- Yellow (70%)
- Black (61%)



- Cyan (61%)
- Magenta (62%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64611E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 64611E by changing the saturation by 10% instead.





64611E



64611E

FFFFFF



4B4904



99934E



333300



B5AE67



1B1E00



D1C981



000100



EEE59B



000000



FFFFB7



FFFFD3



FFFFEF



64611E



64611E

■ 646114

■ 646128

■ 64600A

■ 646232

■ 646000

■ 64623C

■ 646346

■ 646350

■ 64645A

■ 646464

■ 64646E

■ 646578

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7F5622



64611E



42682E

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64611E



006C87



8E4672

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64611E



1E2164

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71518D



64611E



006799

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64611E



006E6B



3E5E9B



984353

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64611E



226C40



3E5E9B



86497C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64611E



828167



641E22



424232



C2C2C2



424242



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64611E



827D15



45641E



33332E



736E00



F2E800



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1E2164



151982



3E1E64



2E2E33



000573



000AF2



# Previews

## White Background



This preview shows how the Hex color 64611E looks on a white background.

## Color Contrast Check

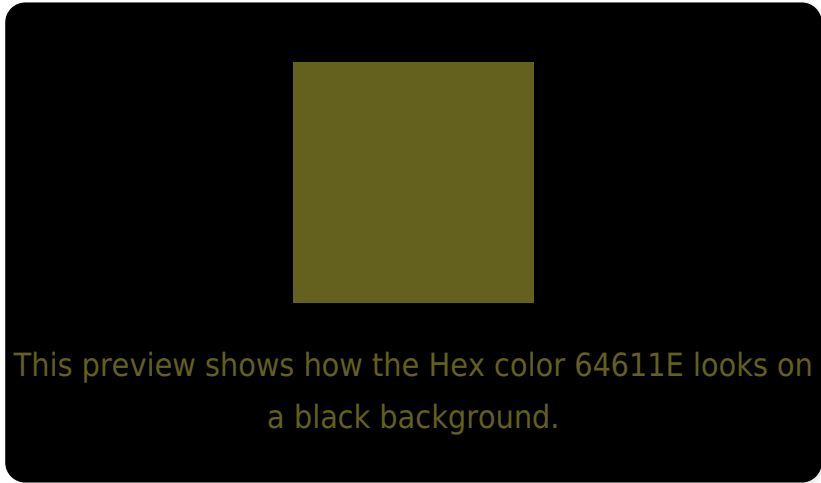
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

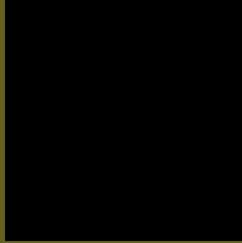
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64611E Background



This preview shows how black text looks on a background with the Hex color 64611E.



This preview shows how white text looks on a background with the Hex color 64611E.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
64611E

**Protanopia**  
6A5F1D

**Deuteranopia**  
765A21



**Tritanopia**  
6A5B62

# Trichromacy



**Original Color**  
64611E

**Protanomaly**  
68601D

**Deuteranomaly**  
6F5D20

**Tritanomaly**  
685D49

# Monochromacy



**Original Color**  
64611E

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5E5D44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64611E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #64611E looks like.

```
.text, #text, p{  
    color:#64611E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #64611E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64611E
}
```

## Border

The CSS property to change the border of an element to Hex 64611E is called "border". The border property can be set on classes, ids or directly on the HTML element.

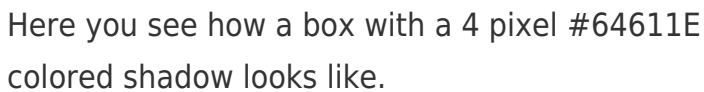
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64611E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#64611E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #64611E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64611E; -webkit-box-shadow:4px 4px  
4px 4px #64611E; box-shadow:4px 4px 4px  
4px #64611E }
```

# Background

The CSS property to change the background color of an element to Hex 64611E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64611E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#64611E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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